FIG. 1A

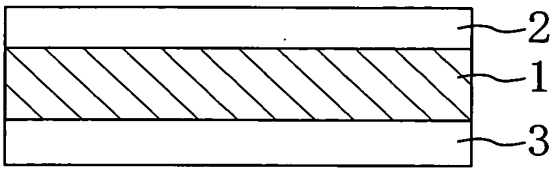


FIG. 1B

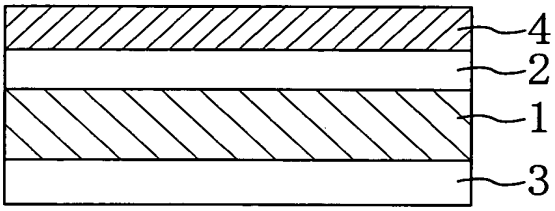


FIG. 1C

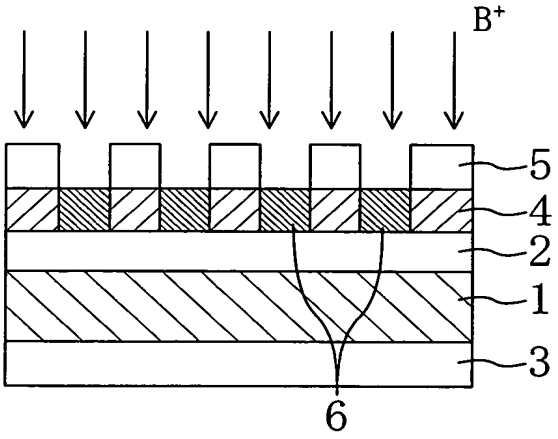


FIG. 1D

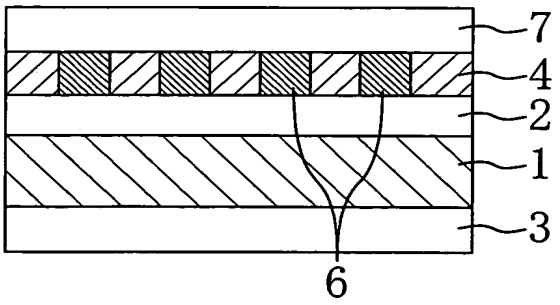


FIG. 2

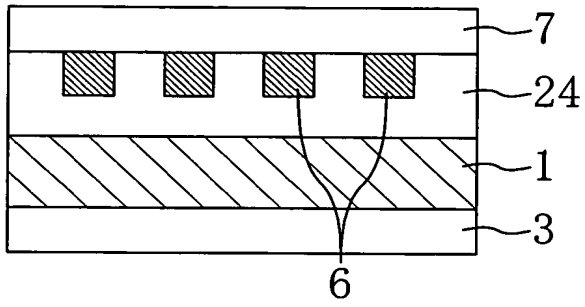


FIG. 3A

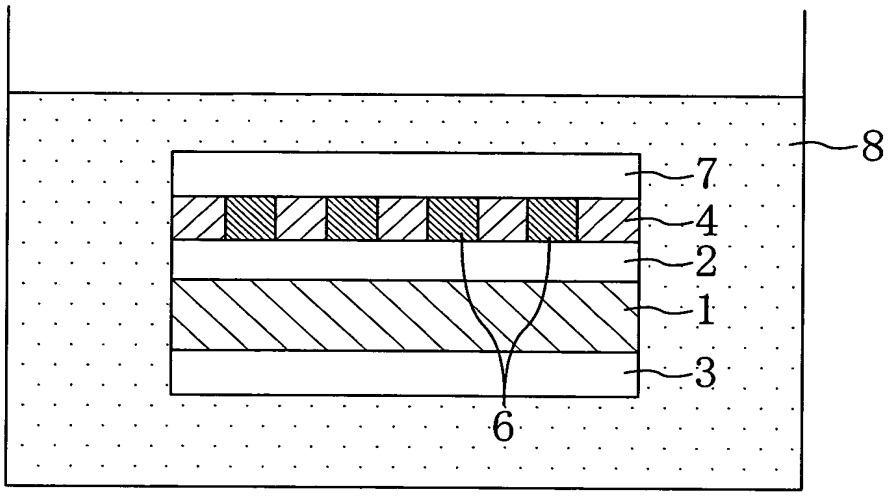


FIG. 3B

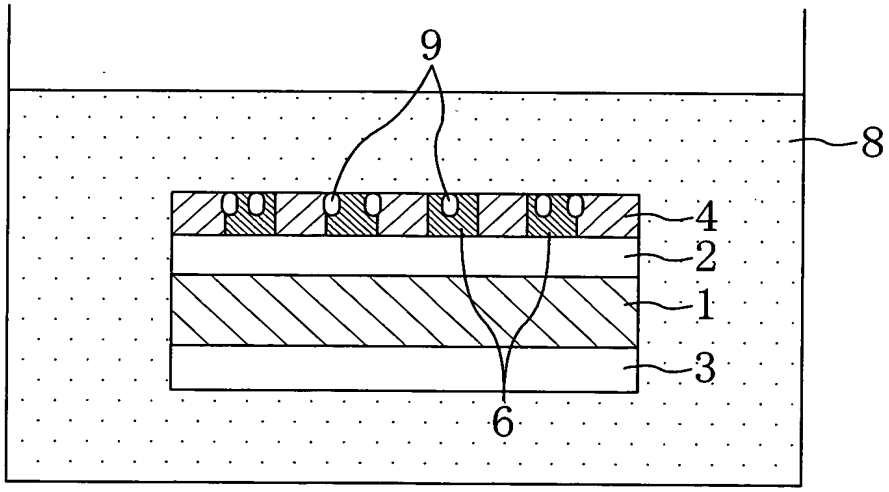
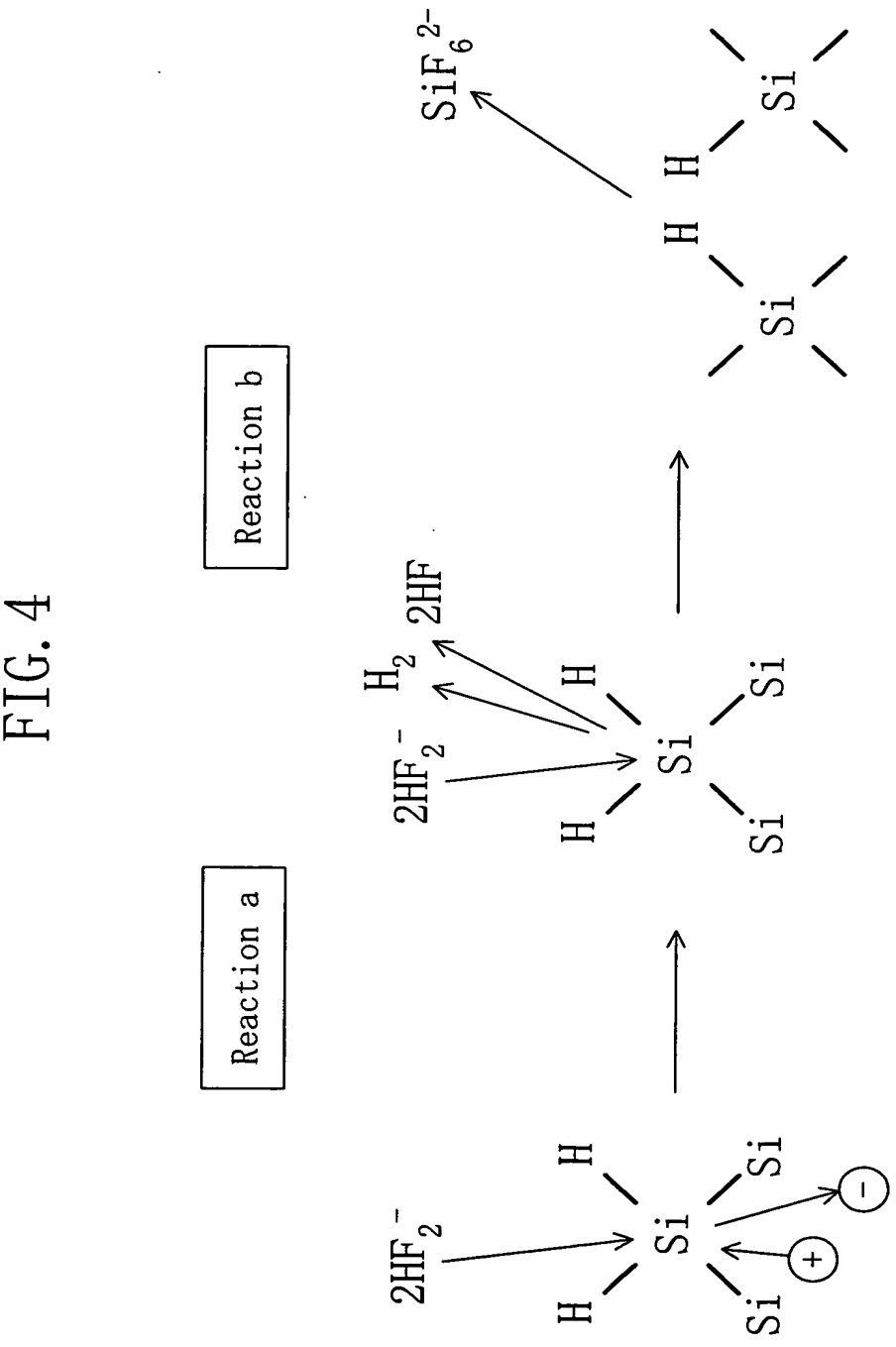


FIG. 4


Reaction a
Reaction b
2HF2-
H
Si
Si
Si
H
+
-
2HF2-
H2
2HF
H
Si
Si
H
Si
SiF6 2-
H H
Si
Si

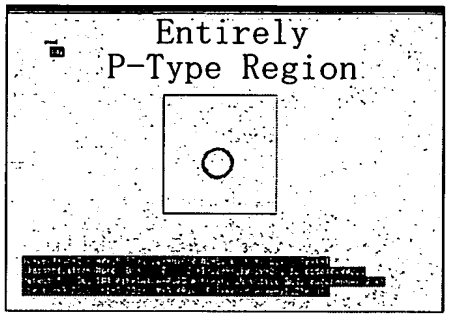


FIG. 5A
Microscopic

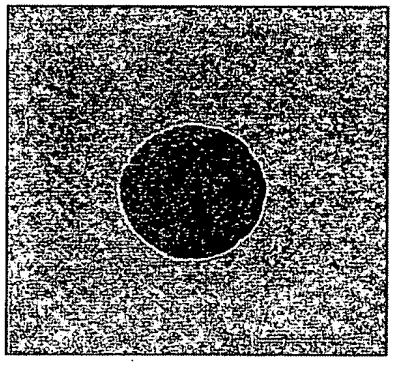


FIG. 5B
SEM

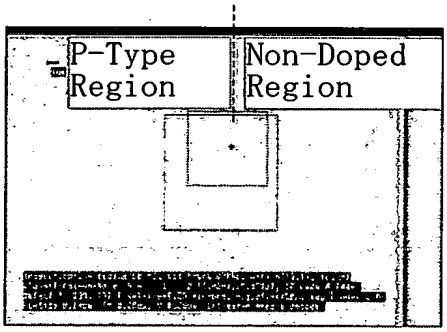


FIG. 5C
Microscopic

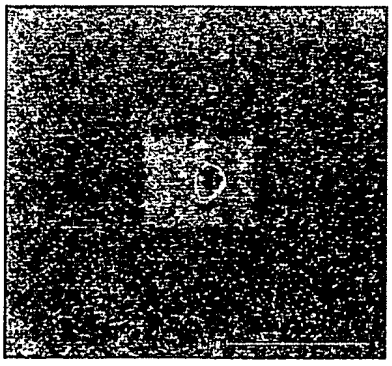


FIG. 5D
SEM

FIG. 6A

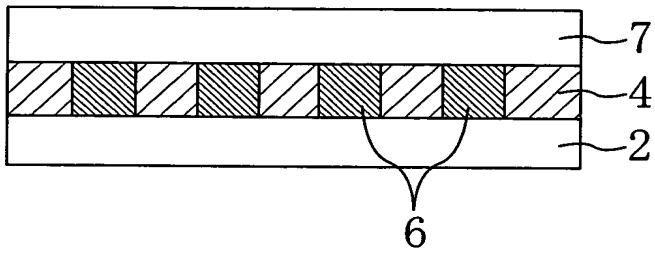


FIG. 6B

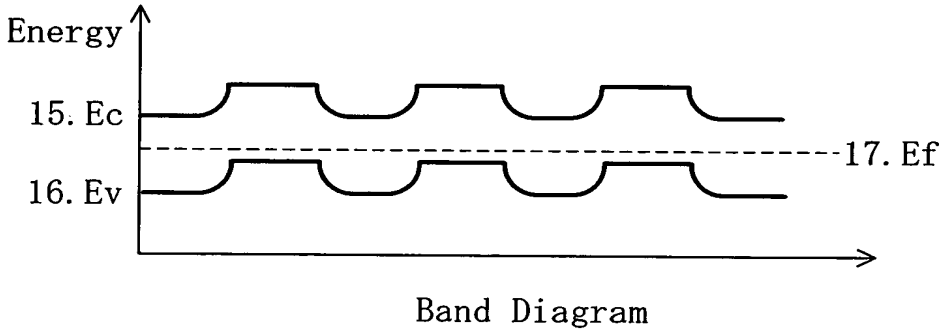


FIG. 6C

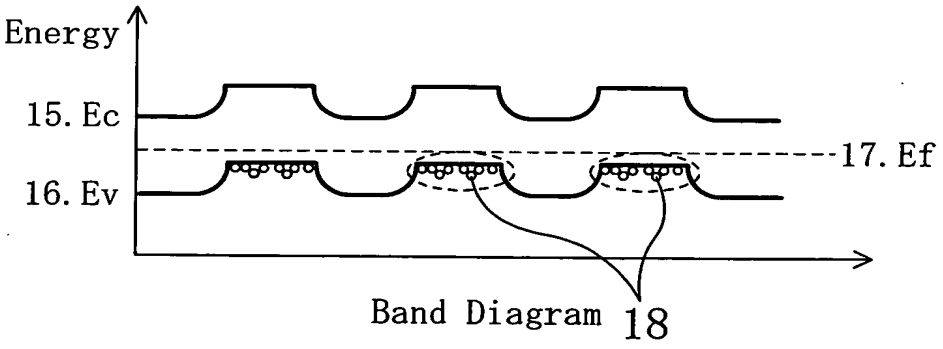


FIG. 7

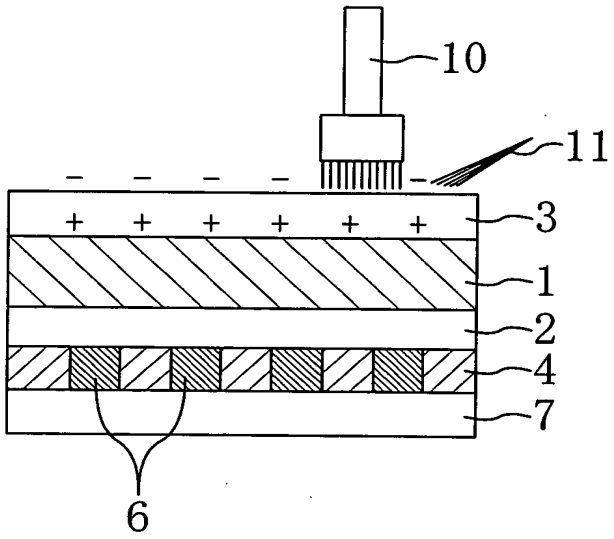


FIG. 8

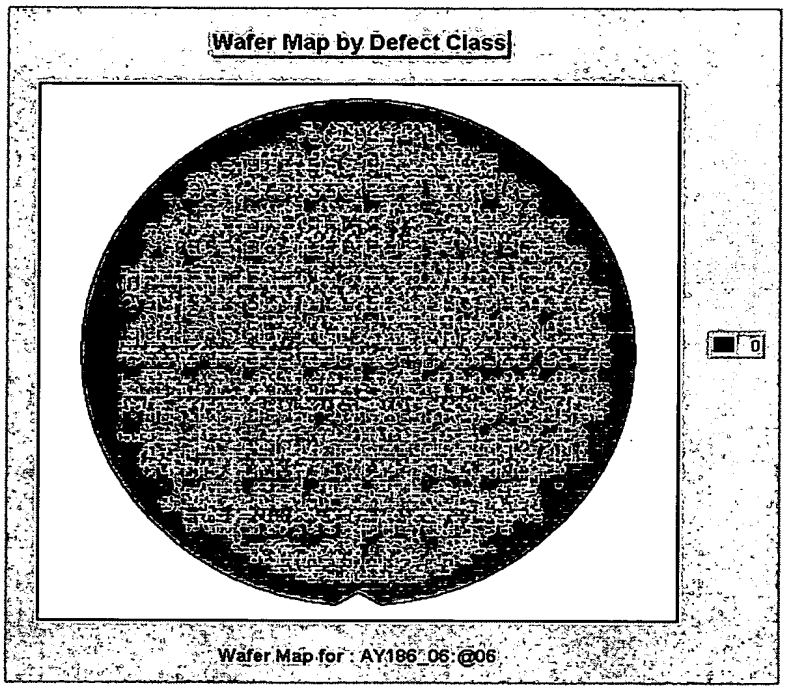


FIG. 9A

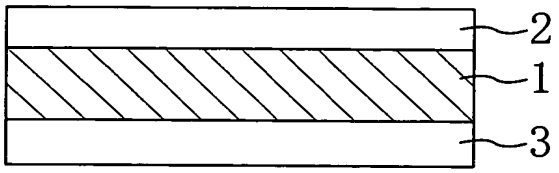


FIG. 9B

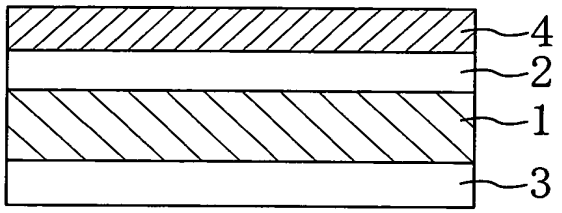


FIG. 9C

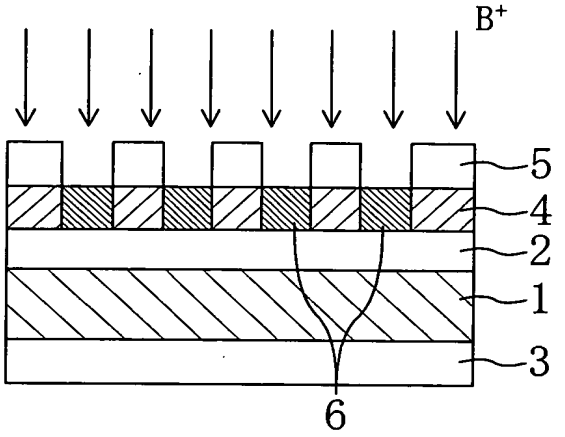


FIG. 10A

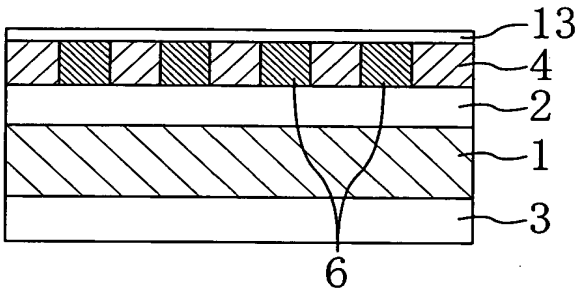


FIG. 10B

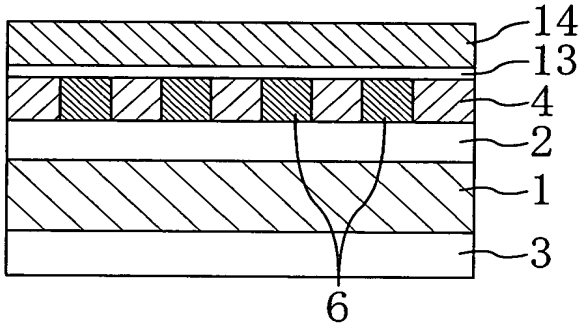
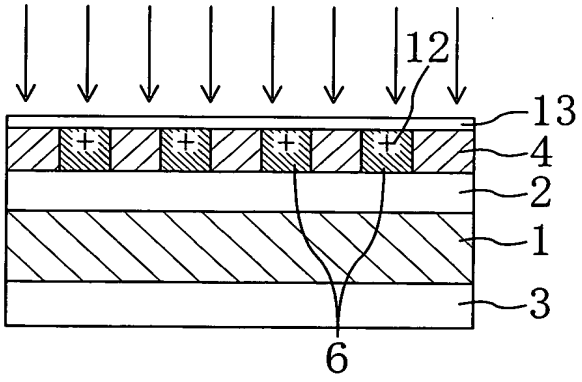



FIG. 10C